

AMENDMENTS TO THE SPECIFICATION

In the Final Rejection, the Examiner indicated that applicant's amendment filed 10/02/03 did not include a marked-up version of the changes made to the fifth full paragraph of page 3. Accordingly, applicant has included in the present response a marked-up version of the first full paragraph on page 5 as follows:

FIG. 3 illustrates another embodiment of the invention where the power steering system 20 utilizes a microprocessor 34 to control the clutch coil 36 ~~42~~. In accordance with the second embodiment, the hysteresis pressure switch 18 (FIG 2) is replaced with a pressure sensor 38 ~~32~~ and used as an input to the microprocessor 34 along with other inputs such as steering wheel rotation, vehicle speed, etc.

In addition, the Examiner has required that the claimed "hydraulic pump driven by a belt" must be shown in the drawings or be canceled from the claims. Accordingly, applicant has now amended claims 1 and 15 to describe the hydraulic pump as being operably connected to said pulley rather than being driven by a belt.

Replace the paragraph bridging pages 2 and 3 with the following corrected paragraph.

FIG 2 illustrates one embodiment of the invention where the power steering system 10 comprises a pulley 12, a hydraulic pump 14 which is driven by a belt (not shown) off of the pulley 12, and a clutch coil 16 positioned between the pulley 12 and the hydraulic pump 14. The clutch coil 16 is controlled by a controlling means, e. g., a hysteresis pressure switch 18 in the high pressure side of the hydraulic circuit. To insure that hydraulic power is available when the clutch coil 16 is engaged, a hydraulic accumulator 22 operably connected to the hysteresis pressure switch 18 and a check valve 24 operably connected to the hydraulic pump are utilized in the high pressure side of the hydraulic circuit. A rotary actuated proportional control valve 26 utilizes a closed center design (blocked in the center position) so that fluid pressure is maintained in the hydraulic accumulator 22 until needed.